## Tarik Tihan

## List of Publications by Year in descending order

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Version: 2024-02-01

272 papers 18,989 citations

16791 66 h-index 129 g-index

288 all docs  $\begin{array}{c} 288 \\ \text{docs citations} \end{array}$ 

288 times ranked 22391 citing authors

| #  | Article   | IF    | CITATIONS |
|----|---|-------|-----------|
| 1  | Somatic mosaicism in the MAPK pathway in sporadic brain arteriovenous malformation and association with phenotype. Journal of Neurosurgery, 2022, 136, 148-155.   | 0.9   | 12        |
| 2  | Intracranial mesenchymal tumors with FETâ€CREB fusion are composed of at least two epigenetic subgroups distinct from meningioma and extracranial sarcomas. Brain Pathology, 2022, 32, e13037.                                  | 2.1   | 11        |
| 3  | A genetically distinct pediatric subtype of primary CNS large B-cell lymphoma is associated with favorable clinical outcome. Blood Advances, 2022, 6, 3189-3193.  | 2.5   | 7         |
| 4  | Aligning the Central Brain Tumor Registry of the United States (CBTRUS) histology groupings with current definitions. Neuro-Oncology Practice, 2022, 9, 317-327.  | 1.0   | 3         |
| 5  | Calcifying pseudoneoplasm of the neuraxis within the sellar region: illustrative case. Journal of Neurosurgery Case Lessons, 2022, 3, .   | 0.1   | O         |
| 6  | Molecular biomarker-defined brain tumors: Epidemiology, validity, and completeness in the United States. Neuro-Oncology, 2022, 24, 1989-2000.   | 0.6   | 27        |
| 7  | Targeted Next-Generation Sequencing Reveals Divergent Clonal Evolution in Components of Composite Pleomorphic Xanthoastrocytoma-Ganglioglioma. Journal of Neuropathology and Experimental Neurology, 2022, 81, 650-657.         | 0.9   | 5         |
| 8  | Intracranial mesenchymal tumor with FETâ€CREB fusionâ€"A unifying diagnosis for the spectrum of intracranial myxoid mesenchymal tumors and angiomatoid fibrous histiocytomaâ€like neoplasms. Brain Pathology, 2021, 31, e12918. | 2.1   | 44        |
| 9  | Immune cell analysis of pilocytic astrocytomas reveals sexually dimorphic brain region-specific differences in T-cell content. Neuro-Oncology Advances, 2021, 3, vdab068.   | 0.4   | 2         |
| 10 | Neurological manifestations of polyarteritis nodosa: a tour of the neuroaxis by case series. BMC Neurology, 2021, 21, 205.  | 0.8   | 3         |
| 11 | Detection of glioma infiltration at the tumor margin using quantitative stimulated Raman scattering histology. Scientific Reports, 2021, 11, 12162.   | 1.6   | 28        |
| 12 | Plurihormonal PIT-1–Positive Pituitary Adenomas: A Systematic Review and Single-Center Series. World Neurosurgery, 2021, 151, e185-e191.  | 0.7   | 4         |
| 13 | Brain and other central nervous system tumor statistics, 2021. Ca-A Cancer Journal for Clinicians, 2021, 71, 381-406.   | 157.7 | 404       |
| 14 | Detection of Neoplasms by Metagenomic Next-Generation Sequencing of Cerebrospinal Fluid. JAMA Neurology, 2021, 78, 1355.  | 4.5   | 14        |
| 15 | Endovascular Biopsy of Vertebrobasilar Aneurysm in Patient With Polyarteritis Nodosa. Frontiers in Neurology, 2021, 12, 697105.   | 1.1   | 9         |
| 16 | Highâ€grade neuroepithelial tumor with <i>BCOR</i> exon 15 internal tandem duplication—a comprehensive clinical, radiographic, pathologic, and genomic analysis. Brain Pathology, 2020, 30, 46-62.                              | 2.1   | 69        |
| 17 | Myxoid glioneuronal tumor, <i>PDGFRA</i> p.K385â€mutant: clinical, radiologic, and histopathologic features. Brain Pathology, 2020, 30, 479-494.  | 2.1   | 46        |
| 18 | Loss of H3K27 trimethylation by immunohistochemistry is frequent in oligodendroglioma, IDH-mutant and $1p/19q$ -codeleted, but is neither a sensitive nor a specific marker. Acta Neuropathologica, 2020, 139, 597-600.         | 3.9   | 9         |

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|----|---|-----|-----------|
| 19 | Clinicopathologic and molecular features of intracranial desmoplastic small round cell tumors.<br>Brain Pathology, 2020, 30, 213-225.   | 2.1 | 20        |
| 20 | Centrally Reduced Diffusion Sign for Differentiation between Treatment-Related Lesions and Glioma Progression: A Validation Study. American Journal of Neuroradiology, 2020, 41, 2049-2054.   | 1.2 | 8         |
| 21 | The immunohistochemical, DNA methylation, and chromosomal copy number profile of cauda equina paraganglioma is distinct from extra-spinal paraganglioma. Acta Neuropathologica, 2020, 140, 907-917.                                     | 3.9 | 13        |
| 22 | Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor. Acta Neuropathologica Communications, 2020, 8, 151.             | 2.4 | 35        |
| 23 | ETMR-22. TITLE: DEFINING THE CLINICAL AND PROGNOSTIC LANDSCAPE OF EMBRYONAL TUMORS WITH MULTI-LAYERED ROSETTES (ETMRs), A RARE BRAIN TUMOR REGISTRY (RBTC) STUDY. Neuro-Oncology, 2020, 22, iii327-iii328.                              | 0.6 | 0         |
| 24 | Clinical, radiologic, and genetic characteristics of histone H3 K27M-mutant diffuse midline gliomas in adults. Neuro-Oncology Advances, 2020, 2, vdaa142.   | 0.4 | 35        |
| 25 | Mutations and Copy Number Alterations in IDH Wild-Type Glioblastomas Are Shaped by Different Oncogenic Mechanisms. Biomedicines, 2020, 8, 574.  | 1.4 | 4         |
| 26 | Gliomas arising in the setting of Li-Fraumeni syndrome stratify into two molecular subgroups with divergent clinicopathologic features. Acta Neuropathologica, 2020, 139, 953-957.  | 3.9 | 18        |
| 27 | Machine Learning Decision Tree Models for Differentiation of Posterior Fossa Tumors Using Diffusion Histogram Analysis and Structural MRI Findings. Frontiers in Oncology, 2020, 10, 71.  | 1.3 | 26        |
| 28 | Extradural thoracic meningeal cyst without spinal dysraphism causing adulthood myelopathy: Case illustration and review of the literature. Journal of Clinical Neuroscience, 2020, 78, 433-438.   | 0.8 | 2         |
| 29 | Concurrent presentation of brain arteriovenous malformation, peripheral arteriovenous malformation, and cerebellar astrocytoma: Case report. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2020, 20, 100689. | 0.2 | 0         |
| 30 | Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. Acta Neuropathologica, 2020, 139, 1071-1088.                   | 3.9 | 50        |
| 31 | The genetic landscape of anaplastic pleomorphic xanthoastrocytoma. Brain Pathology, 2019, 29, 85-96.  | 2.1 | 88        |
| 32 | Pediatric oligodendroglioma., 2019,, 379-386.   |     | 1         |
| 33 | Exploratory proteomic analysis implicates the alternative complement cascade in primary CNS vasculitis. Neurology, 2019, 93, e433-e444.   | 1.5 | 13        |
| 34 | Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. Acta Neuropathologica, 2019, 138, 877-881.   | 3.9 | 21        |
| 35 | Intraoperative consultations of central nervous system tumors: a review for practicing pathologists and testing of an algorithmic approach. Turk Patoloji Dergisi, 2019, 35, 173-184.   | 0.1 | 2         |
| 36 | Sporadic and Von-Hippel Lindau disease-associated spinal hemangioblastomas: institutional experience on their similarities and differences. Journal of Neuro-Oncology, 2019, 143, 547-552.  | 1.4 | 23        |

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|----|--|-----|-----------|
| 37 | Recurrent KBTBD4 small in-frame insertions and absence of DROSHA deletion or DICER1 mutation differentiate pineal parenchymal tumor of intermediate differentiation (PPTID) from pineoblastoma. Acta Neuropathologica, 2019, 137, 851-854. | 3.9 | 45        |
| 38 | Pilomyxoid astrocytomas: a short review. Brain Tumor Pathology, 2019, 36, 52-55.   | 1.1 | 10        |
| 39 | The genetic landscape of gliomas arising after therapeutic radiation. Acta Neuropathologica, 2019, 137, 139-150.   | 3.9 | 57        |
| 40 | Clinicopathologic features of anaplastic myxopapillary ependymomas. Brain Pathology, 2019, 29, 75-84.  | 2.1 | 25        |
| 41 | Recent Progress in the Pathology and Genetics of Pilocytic and Pilomyxoid Astrocytomas. Balkan Medical Journal, 2019, 36, 3-11.  | 0.3 | 15        |
| 42 | A recurrent kinase domain mutation in PRKCA defines chordoid glioma of the third ventricle. Nature Communications, 2018, 9, 810.   | 5.8 | 56        |
| 43 | Multinodular and vacuolating neuronal tumor of the cerebrum is a clonal neoplasm defined by genetic alterations that activate the MAP kinase signaling pathway. Acta Neuropathologica, 2018, 135, 485-488.                                 | 3.9 | 54        |
| 44 | Deep sequencing of WNT-activated medulloblastomas reveals secondary SHH pathway activation. Acta Neuropathologica, 2018, 135, 635-638.   | 3.9 | 17        |
| 45 | MRI Features and IDH Mutational Status of Grade II Diffuse Gliomas: Impact on Diagnosis and Prognosis. American Journal of Roentgenology, 2018, 210, 621-628.  | 1.0 | 75        |
| 46 | Reductions in brain pericytes are associated with arteriovenous malformation vascular instability. Journal of Neurosurgery, 2018, 129, 1464-1474.  | 0.9 | 84        |
| 47 | Quantitative surface analysis of combined MRI and PET enhances detection of focal cortical dysplasias. Neurolmage, 2018, 166, 10-18.   | 2.1 | 49        |
| 48 | Multimodal molecular analysis of astroblastoma enables reclassification of most cases into more specific molecular entities. Brain Pathology, 2018, 28, 192-202.   | 2.1 | 56        |
| 49 | Mesenchymal Tumors of the Central Nervous System. , 2018, , 299-322.   |     | 3         |
| 50 | Video-Teleconferencing in Pediatric Neuro-Oncology: Ten Years of Experience. Journal of Global Oncology, 2018, 4, 1-7.   | 0.5 | 14        |
| 51 | Volumetric voxelwise apparent diffusion coefficient histogram analysis for differentiation of the fourth ventricular tumors. Neuroradiology Journal, 2018, 31, 554-564.  | 0.6 | 14        |
| 52 | Differentiation of Cerebellar Hemisphere Tumors: Combining Apparent Diffusion Coefficient Histogram Analysis and Structural MRI Features. Journal of Neuroimaging, 2018, 28, 656-665.  | 1.0 | 20        |
| 53 | The genetic landscape of ganglioglioma. Acta Neuropathologica Communications, 2018, 6, 47.   | 2.4 | 130       |
| 54 | Perilesional edema associated with an intracranial calcifying pseudoneoplasm of the neuraxis in a child: case report and review of imaging features. Journal of Neurosurgery: Pediatrics, 2018, 22, 528-531.                               | 0.8 | 9         |

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|----|--|-----|-----------|
| 55 | Targeted next-generation sequencing of pediatric neuro-oncology patients improves diagnosis, identifies pathogenic germline mutations, and directs targeted therapy. Neuro-Oncology, 2017, 19, now254.                                 | 0.6 | 155       |
| 56 | Histopathologic review of pineal parenchymal tumors identifies novel morphologic subtypes and prognostic factors for outcome. Neuro-Oncology, 2017, 19, 78-88.   | 0.6 | 51        |
| 57 | The role of histone modifications and telomere alterations in the pathogenesis of diffuse gliomas in adults and children. Journal of Neuro-Oncology, 2017, 132, 1-11.  | 1.4 | 35        |
| 58 | Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. Acta Neuropathologica, 2017, 133, 1001-1016.  | 3.9 | 245       |
| 59 | The Utility of Expert Diagnosis in Surgical Neuropathology: Analysis of Consultations Reviewed at 5<br>National Comprehensive Cancer Network Institutions. Journal of Neuropathology and Experimental<br>Neurology, 2017, 76, 189-194. | 0.9 | 2         |
| 60 | Utility of Pit-1 Immunostaining in Distinguishing Pituitary Adenomas of Primitive Differentiation from Null Cell Adenomas. Endocrine Pathology, 2017, 28, 287-292.   | 5.2 | 16        |
| 61 | Higher Flow Is Present in Unruptured Arteriovenous Malformations With Silent Intralesional Microhemorrhages. Stroke, 2017, 48, 2881-2884.  | 1.0 | 35        |
| 62 | Angiocentric glioma with MYB-QKI fusion located in the brainstem, rather than cerebral cortex. Acta Neuropathologica, 2017, 134, 671-673.  | 3.9 | 22        |
| 63 | Clinical and imaging correlation in patients with pathologically confirmed tumefactive demyelinating lesions. Journal of the Neurological Sciences, 2017, 381, 83-87.  | 0.3 | 11        |
| 64 | Comparision of New Diagnostic Tools for Malignant Peripheral Nerve Sheath Tumors. Pathology and Oncology Research, 2017, 23, 393-398.  | 0.9 | 6         |
| 65 | Neurological outcomes and surgical complications in 221 spinal nerve sheath tumors. Journal of Neurosurgery: Spine, 2017, 26, 103-111.   | 0.9 | 111       |
| 66 | Apparent diffusion coefficient and pituitary macroadenomas: pre-operative assessment of tumor atypia. Pituitary, 2017, 20, 195-200.  | 1.6 | 25        |
| 67 | Whole Exome Sequencing of Growing and Non-Growing Cutaneous Neurofibromas from a Single Patient with Neurofibromatosis Type 1. PLoS ONE, 2017, 12, e0170348.   | 1.1 | 15        |
| 68 | The Glioma International Case-Control Study: A Report From the Genetic Epidemiology of Glioma International Consortium. American Journal of Epidemiology, 2016, 183, kwv235.   | 1.6 | 45        |
| 69 | Solitary Fibrous Tumor/Hemangiopericytoma Dichotomy Revisited. Advances in Anatomic Pathology, 2016, 23, 104-111.  | 2.4 | 27        |
| 70 | Diffuse Midline Gliomas with Histone <scp>H3â€K27M</scp> Mutation: A Series of 47 Cases Assessing the Spectrum of Morphologic Variation and Associated Genetic Alterations. Brain Pathology, 2016, 26, 569-580.                        | 2.1 | 334       |
| 71 | Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. Cancer Cell, 2016, 30, 891-908.   | 7.7 | 191       |
| 72 | Novel Picornavirus Associated with Avian Keratin Disorder in Alaskan Birds. MBio, 2016, 7, .   | 1.8 | 31        |

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|----|--|------|-----------|
| 73 | Pleomorphic Xanthoastrocytoma with Anaplastic Features: Retrospective Case Series. World Neurosurgery, 2016, 95, 368-374.  | 0.7  | 26        |
| 74 | Surgical management of medically refractory epilepsy in patients with polymicrogyria. Epilepsia, 2016, 57, 151-161.  | 2.6  | 28        |
| 75 | Results of Spinal Fusion After Spinal Nerve Sheath Tumor Resection. World Neurosurgery, 2016, 90, 6-13.  | 0.7  | 15        |
| 76 | SOX10 Distinguishes Pilocytic and Pilomyxoid Astrocytomas From Ependymomas but Shows No<br>Differences in Expression Level in Ependymomas From Infants Versus Older Children or Among<br>Molecular Subgroups. Journal of Neuropathology and Experimental Neurology, 2016, 75, 295-298. | 0.9  | 19        |
| 77 | Clinical outcome and prognostic factors for central neurocytoma: twenty year institutional experience. Journal of Neuro-Oncology, 2016, 126, 193-200.  | 1.4  | 45        |
| 78 | Pitfalls in the use of whole slide imaging for the diagnosis of central nervous system tumors: A pilot study in surgical neuropathology. Journal of Pathology Informatics, 2016, 7, 25.  | 0.8  | 11        |
| 79 | Morphometric characterization of brain arteriovenous malformations for clinical and radiological studies to identify silent intralesional microhemorrhages., 2016, 35, 114-121.  |      | 10        |
| 80 | Mutation analysis of metastatic melanomas in the central nervous system: results of a panel of 5 genes in 48 cases., 2016, 35, 178-185.  |      | 4         |
| 81 | Tuberous Sclerosis Complex. , 2016, , 241-244.   |      | O         |
| 82 | Silent Arteriovenous Malformation Hemorrhage and the Recognition of "Unruptured―Arteriovenous Malformation Patients Who Benefit From Surgical Intervention. Neurosurgery, 2015, 76, 592-600.   | 0.6  | 38        |
| 83 | Benign malformative lesion of the skull: hamartoma with ectopic elements or choristoma?. Turk<br>Patoloji Dergisi, 2015, 33, 262-267.  | 0.1  | 2         |
| 84 | Glioma Groups Based on $1p/19q$ , $<$ i>IDH $<$ /i>, and $<$ i>TERT $<$ /i>Promoter Mutations in Tumors. New England Journal of Medicine, 2015, 372, 2499-2508.  | 13.9 | 1,632     |
| 85 | Surgical Management of Intracranial Neuroenteric Cysts: The UCSF Experience. Journal of Neurological Surgery, Part B: Skull Base, 2015, 76, 475-479.   | 0.4  | 9         |
| 86 | Practical Molecular Pathology and Histopathology of Embryonal Tumors. Surgical Pathology Clinics, 2015, 8, 73-88.  | 0.7  | 6         |
| 87 | Practical Issues in Diagnostic Neuropathology: It Is Not Even the End of the Beginning!. Surgical Pathology Clinics, 2015, 8, ix-x.  | 0.7  | 0         |
| 88 | Practical Molecular Pathologic Diagnosis of Pilocytic Astrocytomas. Surgical Pathology Clinics, 2015, 8, 63-71.  | 0.7  | 6         |
| 89 | The Basics of Intraoperative Diagnosis in Neuropathology. Surgical Pathology Clinics, 2015, 8, 27-47.  | 0.7  | 12        |
| 90 | Therapeutic Targets in Pilocytic Astrocytoma Based on Genetic Analysis. Seminars in Pediatric Neurology, 2015, 22, 23-27.  | 1.0  | 7         |

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|-----|---|-----|-----------|
| 91  | Pathologic Approach to Spinal Cord Infections. Neuroimaging Clinics of North America, 2015, 25, 163-172.  | 0.5 | 6         |
| 92  | Somatostatin receptor 2a is a more sensitive diagnostic marker of meningioma than epithelial membrane antigen. Acta Neuropathologica, 2015, 130, 441-443.   | 3.9 | 100       |
| 93  | Diagnosing Encephalitis, Not Otherwise Specified—Reply. JAMA Neurology, 2015, 72, 726.  | 4.5 | 0         |
| 94  | Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. Lancet Oncology, The, 2015, 16, 569-582.   | 5.1 | 147       |
| 95  | Encephalitis of Unclear Origin Diagnosed by Brain Biopsy. JAMA Neurology, 2015, 72, 66.   | 4.5 | 26        |
| 96  | High rate of concurrent BRAF-KIAA1549 gene fusion and 1p deletion in disseminated oligodendroglioma-like leptomeningeal neoplasms (DOLN). Acta Neuropathologica, 2015, 129, 609-610.  | 3.9 | 95        |
| 97  | Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. Clinical Cancer Research, 2015, 21, 3750-3758.  | 3.2 | 40        |
| 98  | Association of tumor location, extent of resection, and neurofibromatosis status with clinical outcomes for 221 spinal nerve sheath tumors. Neurosurgical Focus, 2015, 39, E5.  | 1.0 | 43        |
| 99  | Practical Neuroimaging of Central Nervous System Tumors for Surgical Pathologists. Surgical Pathology Clinics, 2015, 8, 1-26.   | 0.7 | 2         |
| 100 | Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. Oncotarget, 2015, 6, 42468-42477.  | 0.8 | 87        |
| 101 | Is posterior reversible encephalopathy syndrome really reversible? Autopsy findings 4.5 years after radiographic resolution., 2015, 34, 26-33.  |     | 20        |
| 102 | Distinctive distribution of lymphocytes in unruptured and previously untreated brain arteriovenous malformation. Neuroimmunology and Neuroinflammation, 2014, 1, 147.   | 1.4 | 24        |
| 103 | Survival outcomes of giant cell glioblastoma: Institutional experience in the management of 20 patients. Journal of Clinical Neuroscience, 2014, 21, 2129-2134.   | 0.8 | 12        |
| 104 | The Morphologic and Molecular Characteristics of Pilocytic Astrocytomas and the Role of MAPK Pathway. Advances in Anatomic Pathology, 2014, 21, 144-150.  | 2.4 | 11        |
| 105 | Clinicopathologic Features of Pediatric Oligodendrogliomas. American Journal of Surgical Pathology, 2014, 38, 1058-1070.  | 2.1 | 57        |
| 106 | Unilateral holohemispheric central nervous system lesions associated with medically refractory epilepsy in the pediatric population: a retrospective series of hemimegalencephaly and Rasmussen's encephalitis. Journal of Neurosurgery: Pediatrics, 2014, 14, 573-584. | 0.8 | 7         |
| 107 | Atypical Cases of Scleroderma en Coup de Sabre. Journal of Child Neurology, 2014, 29, 698-703.  | 0.7 | 8         |
| 108 | Well-differentiated pediatric glial neoplasms with features of oligodendroglioma, angiocentric glioma and dysembryoplastic neuroepithelial tumors: a morphological diagnostic challenge. Turk Patoloji Dergisi, 2014, 30, 23.   | 0.1 | 4         |

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|-----|--|-----|-----------|
| 109 | Pure germinomas of the central nervous system: treatment strategies and outcomes. Journal of Neuro-Oncology, 2014, 120, 643-649.   | 1.4 | 10        |
| 110 | Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. Nature Genetics, 2014, 46, 731-735.  | 9.4 | 161       |
| 111 | Using a preclinical mouse model of high-grade astrocytoma to optimize p53 restoration therapy.  Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1480-9.                                     | 3.3 | 37        |
| 112 | Trends in childhood brain tumor incidence, 1973–2009. Journal of Neuro-Oncology, 2013, 115, 153-160.   | 1.4 | 62        |
| 113 | Falcine and parasagittal chondrosarcomas. Journal of Clinical Neuroscience, 2013, 20, 1232-1236.   | 0.8 | 9         |
| 114 | A Systematic Approach to the Diagnosis of Suspected Central Nervous System Lymphoma. JAMA Neurology, 2013, 70, 311.  | 4.5 | 143       |
| 115 | Pilocytic astrocytomas of the optic nerve and their relation to pilocytic astrocytomas elsewhere in the central nervous system. Modern Pathology, 2013, 26, 1279-1287.   | 2.9 | 27        |
| 116 | Optic pathway gliomas: a review. CNS Oncology, 2013, 2, 143-159.   | 1.2 | 84        |
| 117 | Histone 3 Lysine 9 Trimethylation Is Differentially Associated With Isocitrate Dehydrogenase<br>Mutations in Oligodendrogliomas and High-Grade Astrocytomas. Journal of Neuropathology and<br>Experimental Neurology, 2013, 72, 298-306. | 0.9 | 51        |
| 118 | Diagnostic implications of IDH1-R132H and OLIG2 expression patterns in rare and challenging glioblastoma variants. Modern Pathology, 2013, 26, 315-326.  | 2.9 | 48        |
| 119 | Subacute cystic expansion of intracranial juvenile psammomatoid ossifying fibroma. Journal of Neurosurgery: Pediatrics, 2013, 11, 687-691.   | 0.8 | 14        |
| 120 | Inherited variant on chromosome 11q23 increases susceptibility to IDH-mutated but not IDH-normal gliomas regardless of grade or histology. Neuro-Oncology, 2013, 15, 535-541.  | 0.6 | 38        |
| 121 | Aggressive behavior and anaplasia in pleomorphic xanthoastrocytoma: a plea for a revision of the current WHO classification. CNS Oncology, 2013, 2, 523-530.   | 1.2 | 27        |
| 122 | Transmantle sign in focal cortical dysplasia: a unique radiological entity with excellent prognosis for seizure control. Journal of Neurosurgery, 2013, 118, 337-344.  | 0.9 | 47        |
| 123 | Genetic variants in telomerase-related genes are associated with an older age at diagnosis in glioma patients: evidence for distinct pathways of gliomagenesis. Neuro-Oncology, 2013, 15, 1041-1047.                                     | 0.6 | 42        |
| 124 | Reduced Mural Cell Coverage and Impaired Vessel Integrity After Angiogenic Stimulation in the <i>Alk1</i> -deficient Brain. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 305-310.                                       | 1.1 | 82        |
| 125 | Spectroscopic imaging of serum proteins using quantum cascade lasers. Journal of Biomedical Optics, 2013, 18, 036011.  | 1.4 | 3         |
| 126 | Choroid plexus papillomas: advances in molecular biology and understanding of tumorigenesis. Neuro-Oncology, 2013, 15, 255-267.  | 0.6 | 78        |

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|-----|---|-----|-----------|
| 127 | Pathology of Spinal Ependymomas. Neurosurgery, 2013, 73, 247-255.   | 0.6 | 50        |
| 128 | To grow or not to grow, That is the question. , 2013, 4, 407.   |     | 6         |
| 129 | Evidence of ambiguous differentiation and mtor pathway dysregulation in subependymal giant cell astrocytoma. Turk Patoloji Dergisi, 2012, 28, 95.   | 0.1 | 5         |
| 130 | The Role of Pathology Experts in Defining Practice Gaps in Continuing Pathology Education. Advances in Anatomic Pathology, 2012, 19, 187-190.   | 2.4 | 1         |
| 131 | <i>SSBP2</i> Variants Are Associated with Survival in Glioblastoma Patients. Clinical Cancer Research, 2012, 18, 3154-3162.   | 3.2 | 23        |
| 132 | Silent Intralesional Microhemorrhage as a Risk Factor for Brain Arteriovenous Malformation Rupture. Stroke, 2012, 43, 1240-1246.  | 1.0 | 78        |
| 133 | A low-frequency variant at 8q24.21 is strongly associated with risk of oligodendroglial tumors and astrocytomas with IDH1 or IDH2 mutation. Nature Genetics, 2012, 44, 1122-1125.           | 9.4 | 131       |
| 134 | Yes-Associated Protein 1 Is Activated and Functions as an Oncogene in Meningiomas. Molecular Cancer Research, 2012, 10, 904-913.  | 1.5 | 57        |
| 135 | Voltage-gated potassium channel EAG2 controls mitotic entry and tumor growth in medulloblastoma via regulating cell volume dynamics. Genes and Development, 2012, 26, 1780-1796.            | 2.7 | 68        |
| 136 | Who Owns These Tissues? General Principles on the Use of Material Submitted to Pathology Departments for Healthcare, Education and Research Purposes. Turk Patoloji Dergisi, 2012, 28, 189. | 0.1 | 0         |
| 137 | Pathologic Characteristics of Pediatric Intracranial Pilocytic Astrocytomas and Their Impact on Outcome in 3 Countries. American Journal of Surgical Pathology, 2012, 36, 43-55.            | 2.1 | 40        |
| 138 | Clinical Management of Pituitary Carcinomas. Neurosurgery Clinics of North America, 2012, 23, 595-606.  | 0.8 | 13        |
| 139 | Ferumoxytol-Enhanced MRI to Image Inflammation Within Human Brain Arteriovenous Malformations: a Pilot Investigation. Translational Stroke Research, 2012, 3, 166-173.                      | 2.3 | 48        |
| 140 | The superiority of conservative resection and adjuvant radiation for craniopharyngiomas. Journal of Neuro-Oncology, 2012, 108, 133-139.   | 1.4 | 147       |
| 141 | Intracranial hemangiopericytoma. Cancer, 2012, 118, 1628-1636.  | 2.0 | 128       |
| 142 | Distinct germ line polymorphisms underlie glioma morphologic heterogeneity. Cancer Genetics, 2011, 204, 13-18.  | 0.2 | 77        |
| 143 | Early surgical intervention in adult patients with ganglioglioma is associated with improved clinical seizure outcomes. Journal of Clinical Neuroscience, 2011, 18, 29-33.                  | 0.8 | 43        |
| 144 | The molecular pathology of central neurocytomas. Journal of Clinical Neuroscience, 2011, 18, 1-6.   | 0.8 | 22        |

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|--------------------------|--|-------------------|---------------------|
| 145                      | Management of recurrent intracranial hemangiopericytoma. Journal of Clinical Neuroscience, 2011, 18, 1500-1504.  | 0.8               | 43                  |
| 146                      | The Next Step: Innovative Molecular Targeted Therapies for Treatment of Intracranial Chordoma Patients. Neurosurgery, 2011, 68, 231-241.   | 0.6               | 26                  |
| 147                      | Sarcoma arising as a distinct nodule within glioblastoma: a morphological and molecular perspective on gliosarcoma. Journal of Neuro-Oncology, 2011, 105, 317-323.   | 1.4               | 5                   |
| 148                      | Predictors of seizure freedom after surgery for malformations of cortical development. Annals of Neurology, 2011, 70, 151-162.   | 2.8               | 73                  |
| 149                      | DNA hypermethylation profiles associated with glioma subtypes and EZH2 and IGFBP2 mRNA expression. Neuro-Oncology, 2011, 13, 280-289.  | 0.6               | 63                  |
| 150                      | Immune cell infiltrate differences in pilocytic astrocytoma and glioblastoma: evidence of distinct immunological microenvironments that reflect tumor biology. Journal of Neurosurgery, 2011, 115, 505-511.  | 0.9               | 102                 |
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